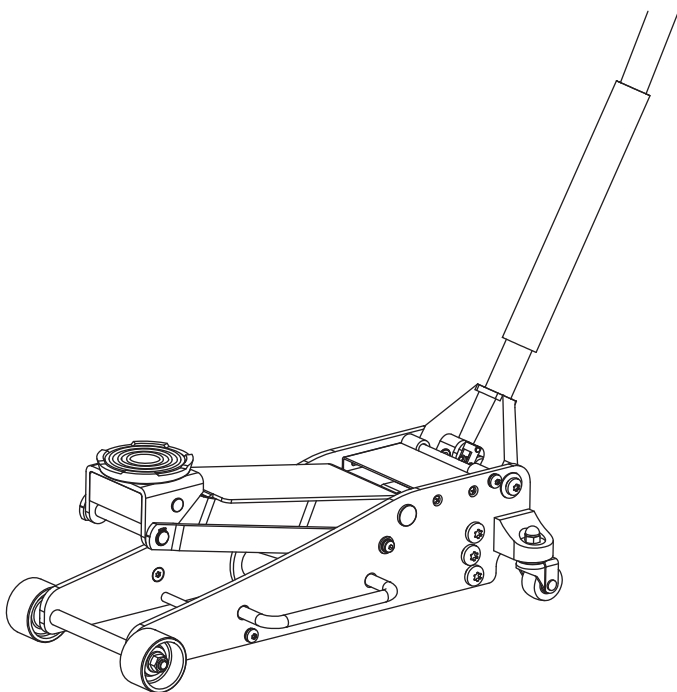




## 2-1/2 Ton Aluminum / Steel Service Jack



260-2006

### OPERATOR'S MANUAL



To Reduce The Risk Of Injury, User Must Read And Understand Operator's Manual. Save These Instructions For Future Reference.

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# SAFETY SYMBOLS

Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

| Symbol                                                                            | Name                       | Designation / Explanation                                                     |
|-----------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------|
| lbs                                                                               | Pounds                     | Weight                                                                        |
|  | Read the operator's Manual | To reduce the risk of injury, read and understand operator's manual.          |
|  | Wear safety glasses        | Operation of power tool can result in foreign objects being thrown into eyes. |
|  | Warning symbol             | Alerts user to warning messages                                               |



Do not work under the vehicle when you are using the jack.



Work under the vehicle with jack stands.

# INTENDED USE

This service jack has double hydraulic pump pistons that effortlessly raises the lift arm. Pump piston dust shields and wiper seals protect the hydraulic system from contaminants. The jack features an overload valve bypass system to prevent jack damage and user injury. Compact design allows use in confined spaces. Easily fits under low vehicles. Meets ASME PASE safety standards.

# TECHNICAL SPECIFICATIONS

| Item     | Capacity  | Lifting Range Min. (inch) | Lifting Range Max. (inch) |
|----------|-----------|---------------------------|---------------------------|
| 260-2006 | 2-1/2 TON | 4                         | 18-1/4                    |

# GENERAL SAFETY RULES

**⚠ WARNING:** **Read and understand all instructions.** Failure to follow all instructions listed below may result in serious injury.

**⚠ CAUTION:** Do not allow persons to operate or assemble this jack until they have read this manual and have developed a thorough understanding of how the jack works.

**⚠ WARNING:** **The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur.** It must be understood by the operator that common sense and caution are factors that cannot be built into this equipment, but must be supplied by the operator.

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## IMPORTANT SAFETY CONSIDERATIONS

### INSPECTION

1. Inspect the jack carefully before each use. Ensure the jack is not damaged, excessively worn, or missing parts.
2. Do not use the jack unless it is properly lubricated.
3. Using a jack that is not in good clean working condition or properly lubricated may cause serious injury.
4. Inspect the work area before each use. Make sure it is free and clear of any potential hazards.

### **DO NOT OPERATE OR REPAIR THIS EQUIPMENT WITHOUT READING THIS MANUAL.**

To maintain the Service Jack and user safety, the responsibility of the owner is to read and follow these instructions.

1. Inspect the service jack for proper operation and function.
2. Keep instructions readily available for equipment operators.
3. Make certain all equipment operators are properly trained; understand how to safely and correctly operate the unit.
4. Allow unit operation only with all parts in place and operating properly.
5. Use only genuine replacement parts.
6. Service and maintain the unit only with authorized or approved replacement parts; negligence will make the jack unsafe for use and void the warranty.
7. Carefully inspect the unit on a regular basis and perform all maintenance as required.
8. Store these instructions in the handle of your jack.
9. Keep all decals on the unit clean and visible.

# SAFETY

## SAFETY

Always follow safety precautions when installing and operating this jack. Keep all decals on the unit clean and visible. Before proceeding ensure that you fully understand and comprehend the full contents of this manual. Failure to operate this equipment as directed may cause injury or death. The distributor is not responsible for any damages or injury caused by improper use or neglect.



**THIS IS A LIFTING DEVICE ONLY!**

- This jack is designed only for lifting part of the total vehicle.
- Do not move or dolly the vehicle while on the jack.
- The vehicle must be supported after lifting immediately by appropriately rated jack stands.
- NEVER go under a vehicle that is not supported with appropriately rated jack stands.
- Use wheel chocks or other blocking device on opposing wheels before using jack stands.

### **WARNING:**

Always use Jack Stands!

**DO NOT USE** wood blocks or any other non-approved load sustaining devices. The manufacturer only warrants loads to be sustained by jack stands that meet current ASME standards.

**DO NOT USE** wood blocks or any other non-approved lifting devices for a means of lifting with the jack and/or load being raised. Failure to heed these warnings may cause injury or death.

# SAFETY MARKINGS

### **WARNING:**

1. Study, understand, and follow all instructions before operating this device.
2. Do not exceed rated capacity.
3. Use only on hard, level surfaces, with less than 3 degrees of slope.
4. Lifting device only. Immediately after lifting, support the vehicle with appropriate means.
5. Do not move or dolly the vehicle while on the jack.
6. Lift only on areas of the vehicle as specified by the vehicle manufacturer.
7. No alterations shall be made to this product.
8. Only attachments and/or adapters supplied by the manufacturer shall be used.
9. Do not get under or allow anyone under the vehicle until it has been supported by jack stands.
10. Center load on saddle prior to lifting.
11. Use wheel chocks or other blocking device on opposing wheels before using jack.
12. Never use on a lawn mower or lawn tractor.
13. Do not use this jack for any use other than the manufacturer specified usage.
14. Do not rock the vehicle while working on or around equipment.
15. The following are not recommended for supporting on this equipment: Foundations, Homes, Mobile Homes, Trailers, RV's, Campers, nor Fifth Wheels, etc...
16. Failure to heed these markings may result in personal injury and/or property damage.

# GENERAL SAFETY INSTRUCTIONS

## **Position the Jack**

Position the jack to only lift on the areas of the vehicle as specified by the vehicle manufacturer.

## **Always Use Jack Stands**

After lifting the vehicle always support the load with appropriately rated vehicle Jack stands before working on the vehicle.

## **Do Not Overload Jack**

Do not overload this jack beyond its rated capacity. Overloading this jack beyond its rated capacity can cause damage to or failure of the jack.

## **Always Use on Hard Level Surfaces**

This jack is designed only for use on hard level surfaces capable of sustaining the load. Use on any surfaces other than hard level surfaces can result in jack instability and possible loss of load.

## **Chock and Block (Stabilize)**

Apply parking brake in vehicle before operating jack.

A chock is a wedge for steadying an object and holding it motionless, or for preventing the movement of a wheel. Chock the wheel opposite the end being lifted.

When you block a load, you secure and support a load that is being lifted. The block(s) or stabilizer(s) should have a weight capacity that is greater than the weight of the load which is being lifted.

## **Center Load on Jack Saddle**

Center load on jack saddle before lifting vehicle.

Off-center loads and loads lifted when the jack is not level can cause loss of load or damage to the jack.

Do not raise or lower the vehicle unless tools, materials and people are clear.

When the lift is being lowered, make sure everyone is standing at least six feet away. Be sure there are no tools or equipment left under or around the jack before lowering.

## **Always lower the jack slowly.**

## **DO NOT USE THE JACK TO SUPPORT OR STABILIZE A LOAD.**

Using the jack to support or stabilize a load may result in unexpected movement and result in serious injury, or being crushed to death. Always securely chock and block (stabilize) the load to be lifted. Never place any part of the body under a raised load without properly chocking and supporting the load.

## **Never use the jack on curved or tubular vehicle Bumpers.**

This will result in the vehicle slipping off the jack and falling, causing serious injury or death. Use a bumper lift to lift most vehicles with curved bumpers or plastic bumpers.

## **Wear ANSI-approved safety glasses and heavy-duty work gloves during use.**

## **Do not adjust the safety valve.**

## **Do not move or dolly vehicle while jack is in use.**

**Stay alert. Use caution and common sense when operating jack.** Do not use a jack when tired, incoherent, dizzy, under the use of drugs or alcohol.

## **Training**

Read this manual before use. Do not allow anyone who has not read this manual, and/or does not understand the requirements, to use the jack.

## **Spectators**

Do not allow bystanders around the jack or under the load supported only by the jack.

Do not allow anyone in the vehicle while the jack is in use. Keep all bystanders away from vehicle when in use.

## **Inspection**

Inspect the jack carefully before each use. Ensure the jack is not damaged, excessively worn, or missing parts.

Do not use the jack unless it is properly lubricated. Using a jack that is not in good clean working condition or properly lubricated may cause serious injury.

## **Additional Notes:**

Save the receipt, warranty and these instructions.

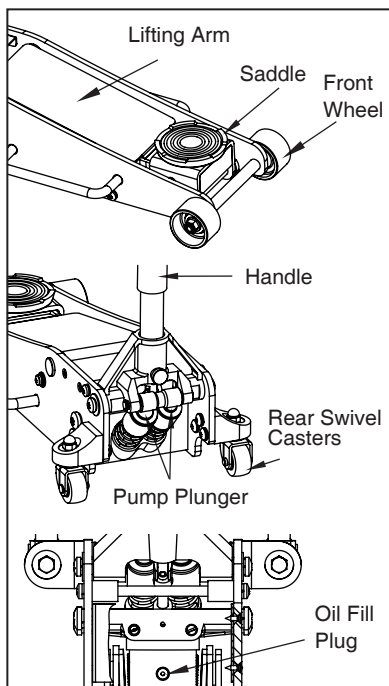
**Do not modify the jack in any way.** Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the jack was designed.

**Always check for damaged or worn out parts before using the jack.** Broken parts will affect the equipment operation. Replace or repair damaged or worn parts immediately.

When jack is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before reuse.

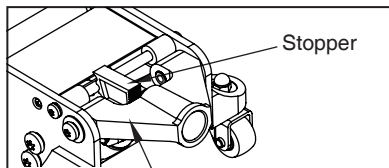
# ASSEMBLY

1. Familiarize yourself with the jack.



2. Prior to assembly, carefully remove the stopper attached to the handle socket.

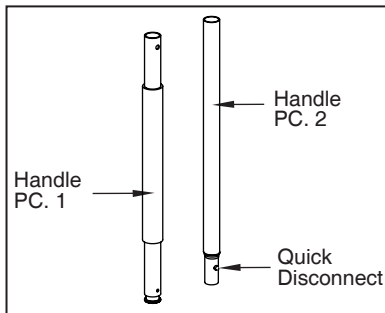
**CAUTION:** The socket will tend to spring upward when the stopper is removed. To prevent possible injury, place one hand on the top of handle socket to control the upward motion of the handle socket, and then carefully remove the stopper. After removed, slowly allow handle socket to rise back into resting position.



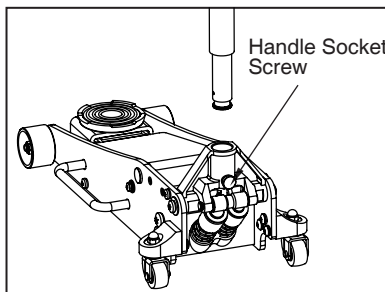
## **WARNING:**

Once retaining stopper is removed, **SLOWLY** allow handle socket to rise back into resting position. Use **CAUTION** when removing retaining stopper, handle socket will spring forward rapidly.

3. Refer to picture below when performing assembling handle sections. Press Quick Disconnect on handle piece 2, this will allow slide handle pieces 1 and 2 to connect, align the holes on both sections to allow quick disconnect to trigger. Quick disconnect will automatically pop out when hole position is correct.



4. Unfasten the screw located in the Handle Socket to insert the assembled handle.



5. Line up the square hole located at the bottom of the handle over the square bolt inside the Handle Socket.

6. Secure the handle in place by tightening the screw in the handle socket without any vehicle on the jack. Cycle the lift up and down several times to insure the hydraulic system is operating properly. (Perform the System Air Purge Procedure before first use.)

## **WARNING:**

Do not lift or carry jack by handle. Handle could dislodge and jack may fall, resulting in possible injury or property damage.

# SYSTEM AIR PURGE PROCEDURE

## IMPORTANT: BEFORE FIRST USE

Perform the following System Air Purge Procedure to remove any air that may have been introduced into the hydraulic system as a result of product shipment and handling. This step is to be completed without any weight on the jack.

1. Turn release valve counter-clockwise 3 full turns to the open position.
2. Rapidly pump the handle 6-8 times. Leave handle in down position to expose oil fill plug.
3. Remove the cover plate, then use a flat blade screwdriver, push the oil fill plug slightly to the side to purge trapped air from system. (Use caution not to tear or puncture the oil plug.)
4. Replace cover plate. Turn release valve clockwise to the closed position.
5. Jack is now ready for use. Check for proper pump action. (Repeat steps if necessary).

## OPERATION

### BEFORE USE

1. Before using this product, read the owner's manual completely and familiarize yourself thoroughly with the product and the hazards associated with its improper use.
2. Perform the system air purge procedure. (See System Air Purge Procedure.)
3. Check that the pump operates smoothly before putting into service.
4. Inspect before each use. Do not use if bent, broken or cracked components are noted.

### RAISING THE JACK

1. Block the vehicle's wheels for lifting stability. Secure the load to prevent inadvertent shifting and movement.
2. Position the jack near desired lift point.
3. Set the Parking Brake in the vehicle.
4. Refer to the vehicle manufacturer owner's manual to locate approved lifting points on the vehicle. Position the jack so that the saddle is centered and will contact the load lifting point firmly.
5. Assemble the handle; ensure to align with slots.
6. Close the release valve by turning it clockwise until it is firmly closed.
7. Before raising the vehicle double check and verify the saddle is centered and also has full contact with the lifting point.
8. Pump handle to lift until saddle contacts load. Continue to pump the jack handle to lift the vehicle to the desired height. After lifting, support the load with appropriately rated vehicle support stands before working on the vehicle.

**⚠ CAUTION:** NEVER WIRE, CLAMP OR OTHERWISE DISABLE THE LIFT CONTROL VALVE TO FUNCTION BY ANY MEANS OTHER THAN BY USING THE OPERATOR'S HAND. USE THE HANDLE PROVIDED WITH THIS PRODUCT OR AN AUTHORIZED REPLACEMENT HANDLE TO ENSURE PROPER RELEASE VALVE OPERATION. DO NOT USE EXTENSIONS ON THE OPERATING HANDLE.

### LOWERING THE JACK

1. Raise load high enough to allow clearance for the jack stands to be removed, then carefully remove jack stands.
2. Remove support stands.
3. Grasp the handle firmly with both hands. Securely hold on to the jack handle so your hands do not slip and ensure the release valve does not rapidly lower.
4. Carefully open the Release Valve by slowly turning the handle counter-clockwise. (Do not allow bystanders around the jack or under the load when lowering the jack.)
5. After removing jack from under the load, keep jack in the lowered position to reduce exposure to rust and contamination.

**⚠ WARNING:** USE EXTREME CAUTION WHEN LOWERING THE JACK. THE JACK HANDLE MAY TURN RAPIDLY. OPENING THE RELEASE VALVE TOO FAST CAN CAUSE THE JACK TO LOWER RAPIDLY. FAILURE TO HEED THESE WARNINGS COULD CAUSE SERIOUS INJURY OR DEATH.



# MAINTENANCE INSTRUCTIONS

If you use and maintain your equipment properly, it will give you many years of service. Follow the maintenance instructions carefully to keep your equipment in good working condition. Never perform any maintenance on the equipment while it is under a load.

## Inspection

You should inspect the product for damage, wear, broken or missing parts (e.g.: pins) and that all components function before each use. Follow lubrication and storage instructions for optimum product performance.

## Binding

If the product binds while under a load, use equipment with equal or a larger load capacity to lower the load safely to the ground. After unbinding; clean, lubricate and test that equipment is working properly. Rusty components, dirt, or worn parts can be causes of binding. Clean and lubricate the equipment as indicated in the lubrication section. Test the equipment by lifting without a load. If the binding continues contact Customer Service.

## Cleaning

If the moving parts of the equipment are obstructed, use cleaning solvent or another good degreaser to clean the equipment. Remove any existing rust, with a penetrating lubricant.

## Lubrication

This equipment will not operate safely without proper lubrication. Using the equipment without proper lubrication will result in poor performance and damage to the equipment. Some parts in this equipment are not self-lubricating. Inspect the equipment before use and lubricate when necessary. After cleaning, lubricate the equipment using light penetrating oil, lubricating spray.

- Use a good lubricant on all moving parts.
- For light duty use lubrication once a month.
- For heavy and constant use lubrication recommended every week.
- NEVER USE SANDPAPER OR ABRASIVE MATERIAL ON THESE SURFACES!

## Rust Prevention:

Check rams and pump plungers on the power unit assemblies daily for any signs of rust or corrosion.

Without a load, lift the equipment as high as it goes and look under and behind the lifting points. If signs of rust are visible clean as needed.

## Grease Fittings

Some models contain grease fittings that will regularly need to be greased and lubricated.

## How the Jack Operates

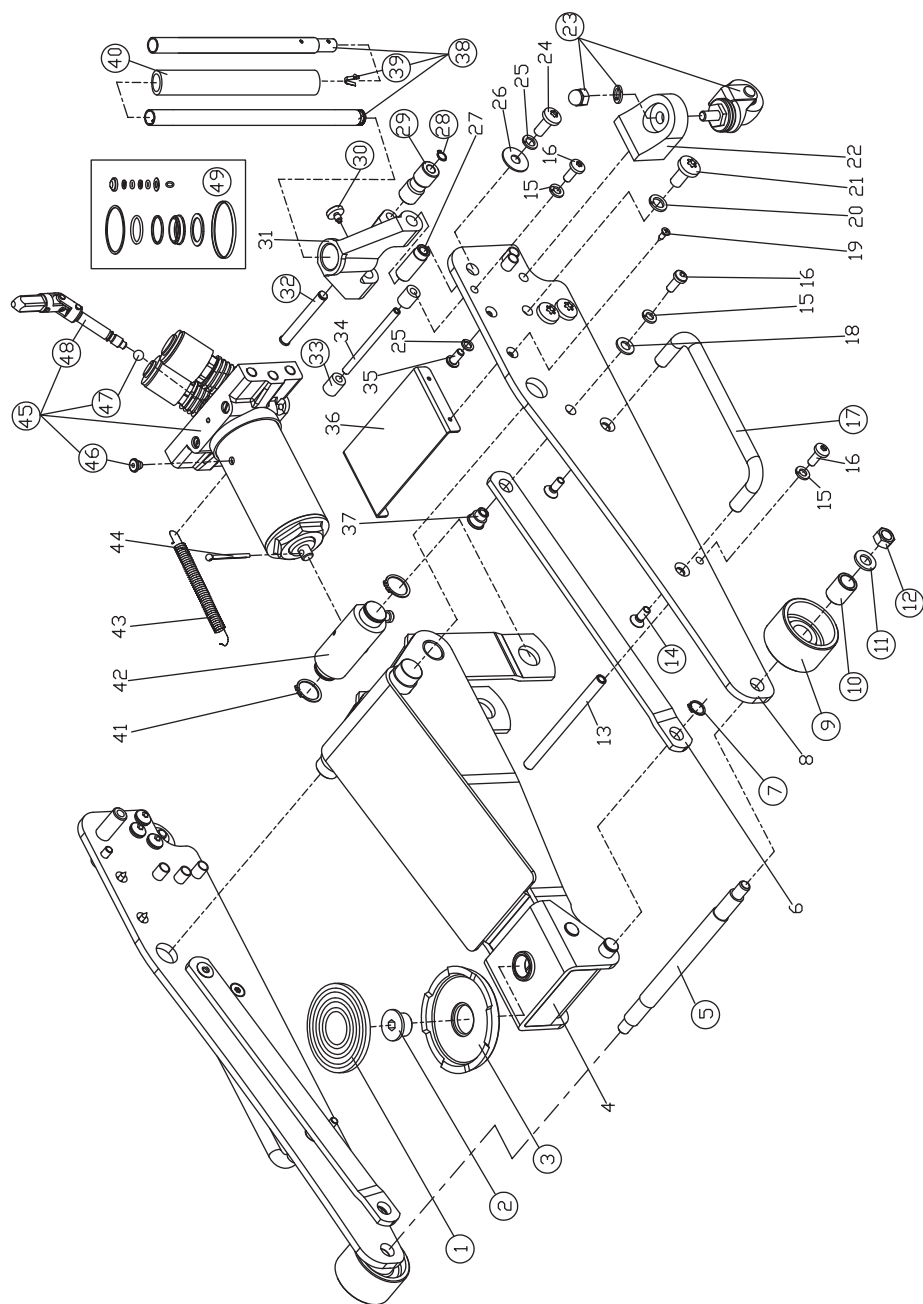
With release valve closed, an upward stroke of the jack handle draws oil from the reservoir tank into the plunger cavity. Hydraulic pressure holds the valve closed, which keeps the oil in the plunger cavity. A downward stroke of the jack handle releases oil into the cylinder, which forces the ram out. This raises the saddle. When the ram reaches maximum extension, oil is bypassed back into the reservoir to prevent an over extended ram stroke and possible damage to the jack. Opening the release valve allows oil to flow back into reservoir. This releases hydraulic pressure on the ram, which results in lowering the saddle.

## Storing the Jack

1. Lower the Lifting ram.
2. Place the handle in the upright position.
3. Store in a dry location, recommended indoors.

Note: If the jack is stored outdoors, be sure to lubricate all parts before and after use to ensure the jack stays in good working condition. Always store jack in the fully retracted position when stored in outdoor or caustic environments that can cause corrosion and/or rust.

# ASSEMBLY DIAGRAM



# ASSEMBLY DIAGRAM

| Item | Part#             | Description                           | Qty |
|------|-------------------|---------------------------------------|-----|
| 1    | T825011CL-3       | Saddle pad                            | 1   |
| 2    | TZ830018Z-2       | Saddle pin                            | 1   |
| 3    | TZ830018Z-1       | Saddle                                | 1   |
| 4    |                   | Lifting arm assembly                  | 1   |
| 5    | T825011BCL-6      | Shaft for front wheel                 | 1   |
| 6    |                   | Connecting bar                        | 2   |
| 7    | GB894.1-16        | C-clip Ø16mm                          | 2   |
| 8    |                   | Side frame                            | 2   |
| 9    | T825011CL-2       | Front wheel                           | 2   |
| 10   | T825011BCL-5      | Sleeve for front wheel                | 2   |
| 11   | GB97.1-12         | Washer M12                            | 2   |
| 12   | GB6172-12         | Nut M12                               | 2   |
| 13   |                   | Position rod                          | 1   |
| 14   | GB/T 70.3-M8x20   | Flat-head socket cap screw M8x20mm    | 4   |
| 15   |                   | Spring washer M8                      | 6   |
| 16   |                   | Button-head socket cap screw M8x20mm  | 6   |
| 17   | T815005L.5-3      | Carrying handle                       | 2   |
| 18   |                   | Washer M8                             | 2   |
| 19   |                   | Tapping Screw M4x16mm                 | 4   |
| 20   |                   | Spring washer M12                     | 6   |
| 21   |                   | Button-head socket cap screw M12x25mm | 6   |
| 22   |                   | Caster base                           | 2   |
| 23   | T815005L.2(ASM)   | Rear caster assembly                  | 2   |
| 24   |                   | Button-head socket cap screw M10x25mm | 2   |
| 25   |                   | Spring washer M10                     | 8   |
| 26   |                   | Washer M10                            | 2   |
| 27   |                   | Handle socket shaft                   | 2   |
| 28   | GB894.1-12        | C-clip Ø12mm                          | 1   |
| 29   | T825011CL.2-3     | Roller                                | 1   |
| 30   | QLZ2C-1a          | Handle socket screw M10x19mm          | 1   |
| 31   |                   | Handle socket                         | 1   |
| 32   | T825011CL.2-2     | Pin for roller                        | 1   |
| 33   | T825011CL-1       | Nylon sleeve                          | 2   |
| 34   |                   | Limited rod                           | 1   |
| 35   |                   | Button-head socket cap screw M10x20mm | 6   |
| 36   |                   | Cover plate                           | 1   |
| 37   |                   | Connecting rod pintle                 | 2   |
| 38   | T825011CL.1       | Handle assembly                       | 1   |
| 39   | T815005L.1.1(ASM) | Handle lock pin                       | 1   |
| 40   | T815012L.1-6      | Foam protective pad                   | 1   |
| 41   | GB894.1-25        | C-clip Ø25mm                          | 2   |
| 42   |                   | Coupling connector                    | 1   |
| 43   |                   | Return spring                         | 2   |
| 44   |                   | Cotter pin Ø4x45mm                    | 1   |
| 45   | T825011BCL.3      | Power unit assembly                   | 1   |
| 46   | TF1201C-29        | Oil plug                              | 1   |
| 47   | GB308-6           | Steel ball Ø6mm                       | 1   |
| 48   | T830023.4.1(ASM)  | Universal joint assembly              | 1   |
| 49   | T825011CL.MF      | Seal kit                              | 1   |

## TROUBLESHOOTING

| Jack will not lift load | Jack will not hold load | Jack will not lower | Poor jack lifting | Will not lift to full extension | Causes and Solutions                                                            |
|-------------------------|-------------------------|---------------------|-------------------|---------------------------------|---------------------------------------------------------------------------------|
| <b>X</b>                | <b>X</b>                |                     | <b>X</b>          |                                 | Release valve is not completely closed (Turn handle clockwise).                 |
| <b>X</b>                |                         |                     |                   |                                 | Weight Capacity Exceeded.                                                       |
| <b>X</b>                |                         |                     | <b>X</b>          |                                 | Air is in the hydraulics.<br>Purge air from system.                             |
| <b>X</b>                | <b>X</b>                |                     | <b>X</b>          | <b>X</b>                        | Low oil level. Add oil as required.                                             |
|                         |                         | <b>X</b>            |                   |                                 | Oil reservoir is overfilled.<br>Drain excessive oil.<br>Lubricate moving parts. |
|                         |                         | <b>X</b>            |                   |                                 | Jack is binding or foreign obstruction.                                         |
| <b>X</b>                | <b>X</b>                |                     | <b>X</b>          |                                 | Power unit malfunctioning.<br>Replace the power unit.                           |

Safe Operating Temperature is between 40°F – 105°F (4°C - 41°C)

## NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



## 2-1/2 Ton Aluminum / Steel Service Jack

# WARRANTY

### 90-DAY MONEY BACK GUARANTEE

This MASTERFORCE™ brand product carries our 90-Day Money Back Guarantee. If you are not completely satisfied with your MASTERFORCE™ brand product for any reason within ninety (90) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund - no questions asked.

### 3-YEAR LIMITED WARRANTY

This MASTERFORCE™ brand product carries our famous No Hassle 3-Year Limited Warranty to the original purchaser. If, during normal use, this MASTERFORCE™ product breaks or fails due to a defect in material or workmanship within three (3) years from the date of original purchase, simply bring the tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, MASTERFORCE™ agrees to have the tool or any defective part(s) repaired or replaced with the same or similar MASTERFORCE™ product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Notwithstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts -  
Please call toll free at: **1-888-448-6746** (M-F 8am - 5pm, Monday – Friday)

**SAVE YOUR RECEIPTS  
THIS WARRANTY IS VOID WITHOUT THEM**



**MASTER★FORCE™**

**MENARDS®**